

Tyler Pugmire

Software Engineer

tyler.pugmire@yahoo.com

(425) 312-2148

linkedin.com/in/tylerpugmire/

Skills

Languages	C/C++(proficient), GLSL, HLSL, C#, Lua, Java, SQL
APIs and Tools	OpenGL, DirectX, Visual Studio, SDL, Premake, Mercurial, Git, Perforce, Virtualization, Visual Studio Online
Soft Skills	Critical Thinking, Algorithms, Data Structures, Analytical Skills, Jira, Agile Development, Scrum, Asana

Work Experience

Minecraft	May 2016 - August 2016
<ul style="list-style-type: none">• Worked on the mobile version of Minecraft using a custom engine built in C++• Used Visual Studio Online to help track and fix various bugs to improve gameplay	

Student Projects

Ascension	May 2015 - May 2016
<ul style="list-style-type: none">• 3D 3rd-person exploration-focused narrative-driven puzzle adventure made with Unreal Engine 4• Implementing a ledge grabbing system to enhance gameplay and feel of the game• Integrated level streaming into our workflow to help the collaboration between the artists, designers and devs• Helped in developing a perforce workflow easy for artists and designers to use• Created various effects to improve the visual feedback of the game	
Colossal	June 2014 - April 2015
<ul style="list-style-type: none">• 3D first person shooter developed using a custom engine built in C++ and Lua• Wrote shaders using GLSL to provide an enriched visual experience• Designed a fully automated art pipeline to allow artists to easily test assets in engine for quick iteration• Integrated ImGui into graphics system to support common editor needs	

Education

Digipen Institue of Technology	December 2016
B.S. in Computer Science in Real-Time Interactive Simulation	

Volunteer

Sno-Isle Skill Center	Sep 2012 - June 2018
Instructed Students by giving them guidance on the technical parts of their student projects in C++ and C#	